

**WE CLAIM:**

1. A method for controlling a computer for a device event provided from hardware, in which said computer comprises a basic system for notifying an operating system of a request event corresponding to the device event in response to the device event from said hardware, accepting a response event of the operating system caused by the notification, and outputting a process event corresponding to the accepted response event to the hardware, comprising the steps of:

10 notifying said operating system of an additional event associated with the response event after receiving said response event in said basic system;

15 accepting an additional response event corresponding to said additional event from said operating system; and,

outputting an additional process event corresponding to said accepted additional response event to said hardware.

20 2. The method for controlling a computer according to Claim 1, further comprising the steps of:

performing the notification of an intermediate event after accepting said response event and outputting said process event in said basic system; accepting said intermediate event; and

notifying said operating system of an additional event associated with said response event.

30 3. The method for controlling a computer according to Claim 2, wherein said basic system conforms to an ACPI standard.

4. The method for controlling a computer according to Claim 3, wherein said

TO BE INDEXED

device event is an attach/detach event which is generated when the attachment/detachment of a peripheral device is indicated to said hardware during energy-saving mode of said computer, said process event is an event for switching said computer from said energy-saving mode to normal mode and allowing said peripheral device to be attached/detached, and

said additional process event is an event for switching said computer from said normal mode to the energy-saving mode after said process event is output.

10

5. The method for controlling a computer according to Claim 3, wherein said basic system comprises the steps of:

15

notifying said operating system of a second request event associated with said request event as well as said request event;

20

accepting said second request event and monitoring said process event;

notifying said operating system of an intermediate event after accepting said response event and outputting said process event;

accepting said intermediate event; and

25

notifying said operating system of an additional event associated with said response event.

6. The method for controlling a computer according to Claim 4, wherein said basic system comprises the steps of:

30

notifying said operating system of a second request event associated with said request event as well as said request event;

accepting said second request event and monitoring said process event;

notifying said operating system of an intermediate event after accepting said response event and outputting said process event;

5 accepting said intermediate event; and

notifying said operating system of an additional event associated with said response event.

10 7. A computer comprising a basic system for notifying an operating system of a request event corresponding to a device event in response to the device event from hardware, accepting a response event of the operating system caused by the notification, and outputting a process event corresponding to the accepted response event to said hardware, wherein said basic system comprises:

a notifier for notifying said operating system of an additional event associated with said response event after receiving said response event;

20 an acceptor for accepting an additional response event corresponding to said additional event from said operating system; and

an output for outputting an additional process event corresponding to said accepted additional response event to said hardware.

25 8. The computer according to Claim 6, wherein said basic system further comprises:

30 a second notifier for performing the notification of an intermediate event after accepting said response event and outputting said process event; and

a second acceptor for accepting said intermediate event.

PROVISIONAL PRIORITY CLAIM

9. The computer according to Claim 7, wherein said basic system conforms to an ACPI standard.
10. The computer according to Claim 8, wherein said device event is an attach/detach event which is generated when the attachment/detachment of a peripheral device is indicated to said hardware during energy-saving mode of said computer, said process event is an event for switching said computer from said energy-saving mode to normal mode and allowing said peripheral device to be attached/detached, and said additional process event is an event for switching said computer from said normal mode to the energy-saving mode after said process event is output.
11. The computer according to Claim 8, wherein said basic system further comprises:
12. The computer according to Claim 9, wherein said basic system further comprises:
13. A recording medium containing a program for controlling a computer for a device event provided from hardware, said computer comprising a basic system for notifying an operating system of a request event corresponding

TOP SECRET//~~REF ID: A610~~

to the device event in response to the device event from the hardware, accepting a response event of the operating system caused by the notification, and outputting a process event corresponding to the accepted response event to said hardware, wherein there is recorded the program comprising the steps of:

5 notifying said operating system of an additional event associated with said response event after receiving said response event in said basic system;

10 accepting an additional response event corresponding to said additional event from said operating system; and

15 outputting an additional process event corresponding to said accepted additional response event to said hardware.

14. The recording medium according to Claim 11, wherein there is recorded the program further comprising the steps of:

20 performing the notification of an intermediate event after accepting said response event and outputting said process event in said basic system;

accepting said intermediate event; and,

25 notifying said operating system of an additional event associated with said response event.

15. The recording medium according to Claim 13, wherein said basic system conforms to an ACPI standard.

30 16. The recording medium according to Claim 14, wherein said device event is an attach/detach event which is generated when the attachment/detachment of a peripheral device is indicated to said hardware during energy-saving mode of said computer, said process event is an

event for switching said computer from said energy-saving mode to normal mode and allowing said peripheral device to be attached/detached, and said additional process event is an event for switching said computer from said normal mode to the energy-saving mode after said process event is output.

- 5
17. The recording medium according to Claim 14, wherein there is recorded the program causing said basic system to further perform the steps of:

10 notifying said operating system of a second request event associated with said request event as well as said request event;

accepting said second request event and monitoring said process event;

15 notifying said operating system of an intermediate event after accepting said response event and outputting said process event;  
accepting said intermediate event; and

20 notifying said operating system of an additional event associated with said response event.

18. The recording medium according to Claim 15, wherein there is recorded the program causing said basic system to further perform the steps of:

25 notifying said operating system of a second request event associated with said request event as well as said request event;

accepting said second request event and monitoring said process event;

30 notifying said operating system of an intermediate event after accepting said response event and outputting said process event;  
accepting said intermediate event; and

TOP SECRET//SI//FO

JP919990275US1

notifying said operating system of an additional event associated with said response event.

00000000000000000000000000000000